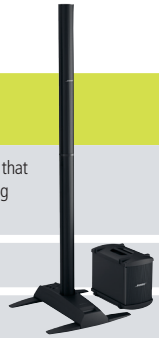
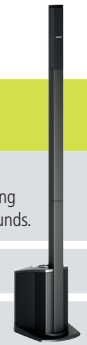
L1® PORTABLE LINE ARRAY SYSTEMS

The Bose® L1 portable line array systems use proprietary technology to deliver clear, powerful sound throughout the entire listening area – even off to the extreme sides.

Quick Comparison Overview





	L1® Model II system	L1® Model 1S system	L1® Compact system
Positioning	Our most advanced system featuring our 24-speaker articulated line array providing our best tonal balance, coverage, and highest output.	A unique combination of performance and portability that includes our 12-speaker articulated line array providing smooth tonal balance, coverage, and high output.	Our smallest, lightest and easiest-to-set-up L1 system featuring a 6-speaker curved articulated line array providing smooth tonal balance and coverage, weighing just 29 pounds.
Audience size	Up to 500	Up to 300	Up to 100
Acoustic performance	The articulated 24-speaker line array provides 180 degrees of horizontal sound coverage while at the same time offering extremely tight vertical control resulting in *little* drop off in volume over distance than conventional loudspeakers.	The 12-speaker articulated line array provides 180 degrees of horizontal sound coverage while at the same time offering tight vertical control resulting in *less* drop off in volume over distance than conventional loudspeakers.	The L1 Compact loudspeaker array is smaller than those in the L1 Model IS and Model II systems, yet produces comparable horizontal sound coverage. The L1 Model IS and Model II systems project sound further and with less volume drop-off than the L1 Compact system.
Coverage	180° H x 0° V	180° H x 10° V	180° H x 40° V
Max SPL	115 dB (Cont), 121 dB (Peak)	112 dB (Cont), 118 dB (Peak)	106 dB (Cont.), 112 dB (Peak)
Low Frequency	40 Hz		65 Hz
Bass	The Model II power stand can drive two B1 bass modules or a single B2 bass module. It also features a dedicated bass line out allowing it to be used with the A1 PackLite® amplifier to add two additional B1 bass modules or an additional B2 bass module.	The Model 1S power stand can drive two B1s or a single B2 bass module.	The L1 Compact system features an integrated bass speaker in the power stand. *It is not compatible with the B1 or B2 bass modules.*
I/O	• 1 x 1/4" analog input • 1 x NL4 bass module out • 1 x ToneMatch® port • 1 x trim control • 1 x power switch • 1 x 1/4" bass line out	• 1 x 1/4" analog input • 1 x NL4 bass module out • 1 x ToneMatch port • 1 x trim control • 1 x power switch	• 1 x microphone input • 1 x 1/8" balanced analog input • 1 x RCA stereo input • 1 x 1/4" analog input • 1 1/4" mono analog output • 1 x RCA output
System includes	• L1 Model II top and bottom loudspeaker arrays • L1 Model II system power stand • AC power cord • Protective carrying bags/covers • B1 or B2 bass module with cable and slip cover	• L1 Model 1S top array and bottom extension • L1 Model 1S power stand • AC power cord • Protective carrying bags/covers • B1 or B2 bass module with cable and slip cover	• L1 Compact loudspeaker array • L1 Compact system power stand with slip cover • L1 Compact system extensions with protective carry bag

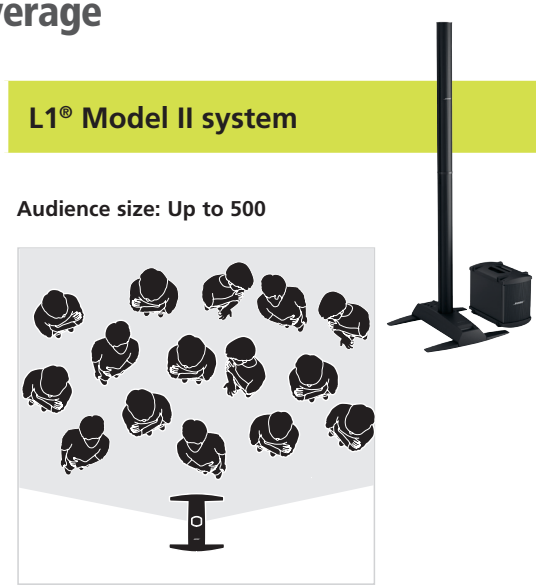
APPLICATION GUIDE

L1® PORTABLE LINE ARRAY SYSTEMS

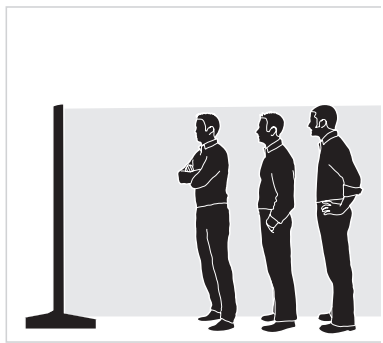
Sound Coverage

L1® Model II system

Audience size: Up to 500



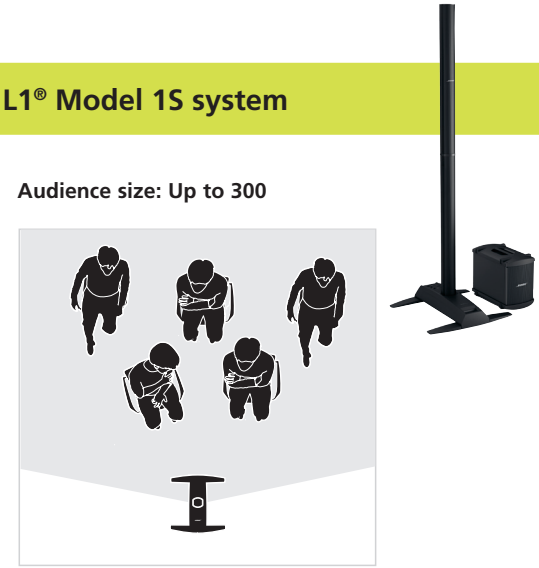
TOP



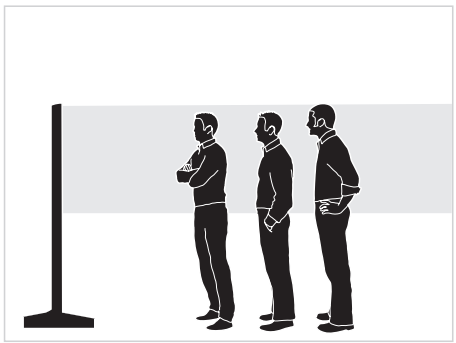
SIDE

L1® Model 1S system

Audience size: Up to 300



TOP



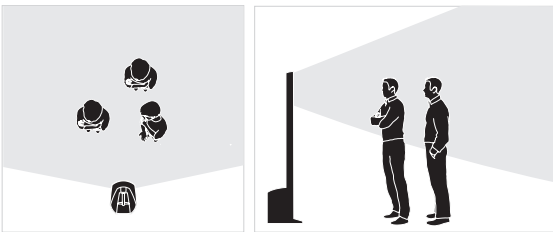
SIDE

L1® Compact system

Audience size: Up to 100

Collapsed Tabletop

Extended Position



L1® PORTABLE LINE ARRAY SYSTEMS

The Bose® L1 portable line array systems' combination of performance, portability and easy setup makes them an ideal solution for many situations.

Venue		Recommended System	Possible Applications (by audience size)			
Education	• Classrooms • Auditoriums • Gymnasiums • Cafeterias • Outdoors	**L1® Compact system** Small sized audience up to 100 people	Augmented audio for viewing a movie	Presenting audio from a PC	Listening to a blog or podcast	Audio for a SMART Board™ interactive whiteboard
		L1® Model 1S system Mid sized audience up to 300 people	Rallies, sporting events, speeches,	Plays and indoor performances	Announcements and music at practices	Emergency preparedness drills
		L1® Model II system Large sized audience up to 500 people				
Hospitality	• Ballrooms • Conference rooms • Meeting rooms • Hotel common areas	**L1® Compact system** Small sized audience up to 100 people	Special event, anniversary Presentation or speech at a banquet or corporate meeting Bookstore cafe		Business presentation	
		L1® Model 1S system Mid sized audience up to 300 people			Conference room meeting Outdoor cocktail party	
		L1® Model II system Large sized audience up to 500 people				
Houses of Worship	• Indoor public address • Lobby and hallways • Youth rooms • Cafe/Bookstore • Classrooms and offices • Portable church	**L1® Compact system** Small sized audience up to 100 people	Secondary PA for retreats and mission work Secondary PA or backline for worship band, PA for youth events Secondary PA for music worship		Activity room/Sm. function room	Memorial services
		L1® Model 1S system Mid sized audience up to 300 people			Raffles, bingo games, or other events	
		L1® Model II system Large sized audience up to 500 people				
Business and Civic	• Offices • Public address • Training/classes • Meetings	**L1® Compact system** Small sized audience up to 100 people		Corporate presentations	Training and demonstration	Exercise/fitness classes (karate, dance, aerobics, etc.)
		L1® Model 1S system Mid sized audience up to 300 people	Public speaking, announcement Outdoor community events, community theater		Fitness center gymnasium Radio remote broadcast at a large concert or event	
		L1® Model II system Large sized audience up to 500 people				
Military/Law Enforcement	• Indoor events • Outdoor events • Training	**L1® Compact system** Small sized audience up to 100 people	Briefings, press events, and training exercises, municipal auctions		Portable crowd control or public address	
		L1® Model 1S system Mid sized audience up to 300 people	Training exercises, outdoor municipal auctions, crowd control			
		L1® Model II system Large sized audience up to 500 people				
Consumer	• Parties • Outdoor events • General music/voice amplification	**L1® Compact system** Small sized audience up to 100 people	Backyard parties Special family events	Football parking lot tailgating	Karaoke parties at home	DJ amplification
		L1® Model 1S system Mid sized audience up to 300 people	Outdoor amateur sports events Theatrical production, soundstage/sound effect (SFX)			
		L1® Model II system Large sized audience up to 500 people				

L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

L1® Compact

portable line array system

Our smallest, lightest and easiest-to-set-up L1 system featuring a 6-speaker curved articulated line array providing smooth tonal balance and coverage, weighing just 29 pounds.

The L1 Compact loudspeaker array is smaller than those in the L1 Model IS and Model II systems, yet produces comparable horizontal sound coverage. The L1 Model IS and Model II systems project sound further and with less volume drop-off than the L1 Compact system.

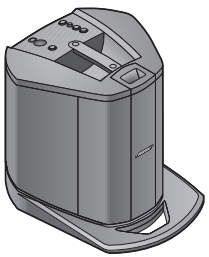
The L1 Compact system features an integrated bass speaker in the power stand. *It is not compatible with the B1 or B2 bass modules.*

These durable components easily connect without the need for speaker stands or wires and are readily transported in two protective carry bags/covers. The materials and construction are specifically designed to meet the performance demands of a wide range of applications including musical performances, music playback, speeches and AV sound reproduction.

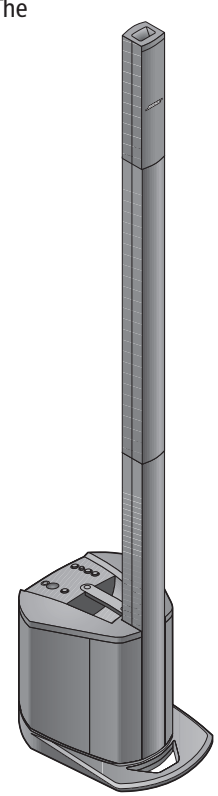
The L1 Compact system can be operated in two modes:

Collapsed Tabletop
For smaller gatherings and meetings

Extended Position
For larger audiences



Collapsed Tabletop

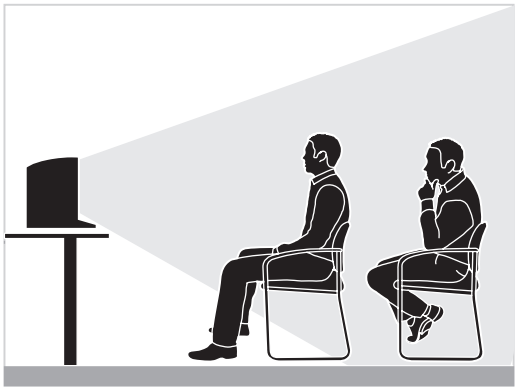


Extended Position

Sound Coverage

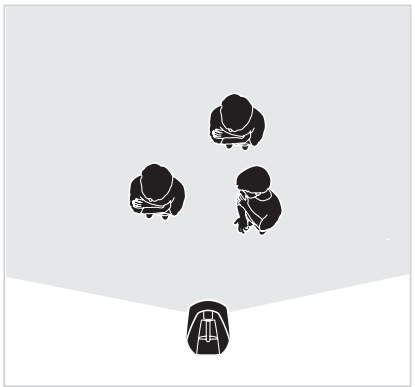
Collapsed Tabletop

TOP

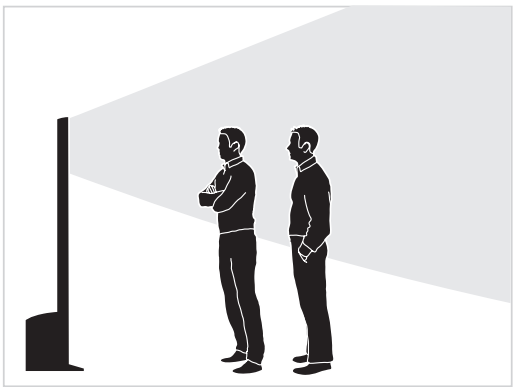


SIDE

Extended Position



TOP

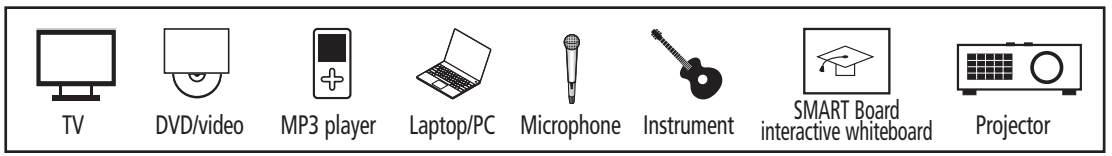


SIDE

L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

Application example 1 — Voice Amplification

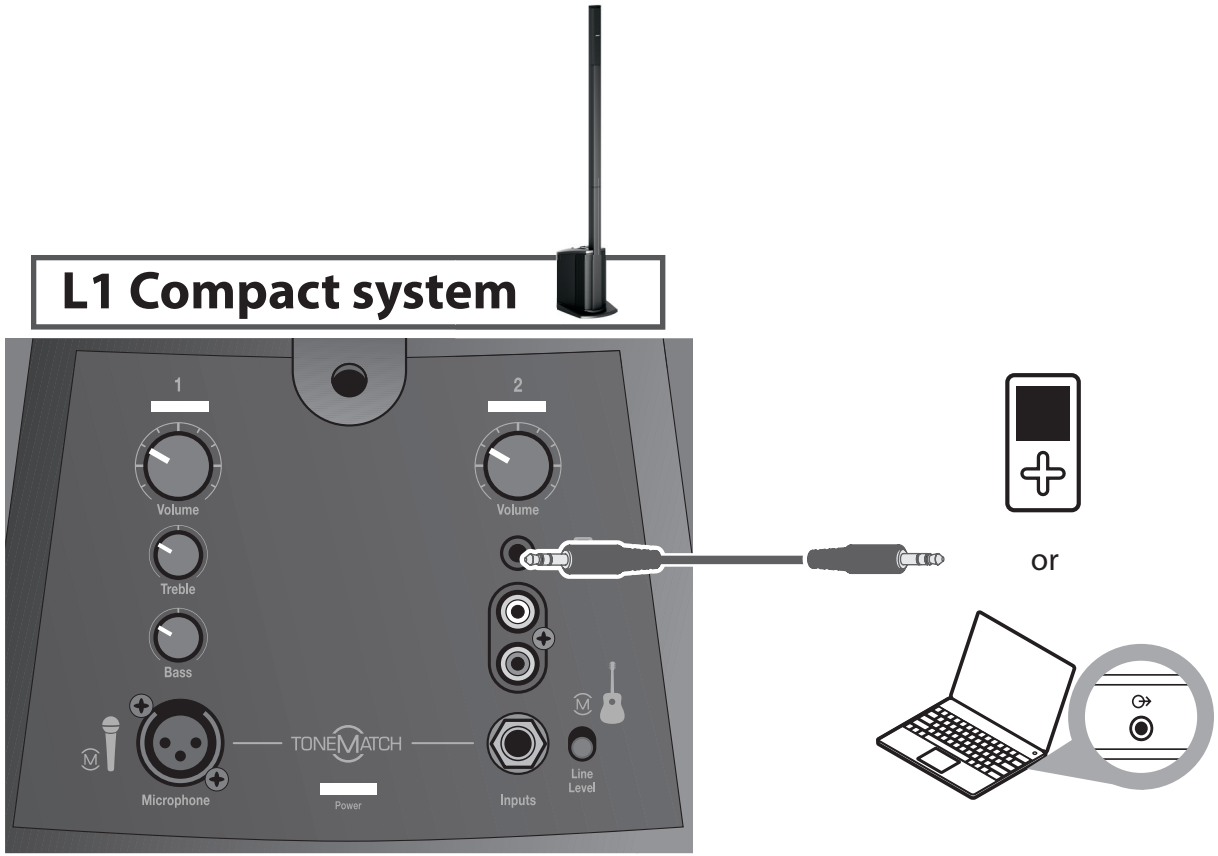
Applications
Secondary PA for retreats and mission work, youth room
Memorial services
Public speaking/announcement
Corporate presentations
Training and demonstration
Briefings, press events, and training exercises
Municipal auctions
Portable crowd control or public address
Football parking lot tailgating

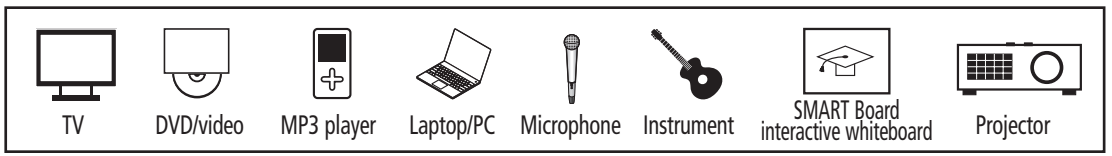


L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

Application example 2 — Music or Audio Playback

Applications
Presenting audio from a PC
Listening to a blog or podcast
Business presentation
Backyard parties, special family events

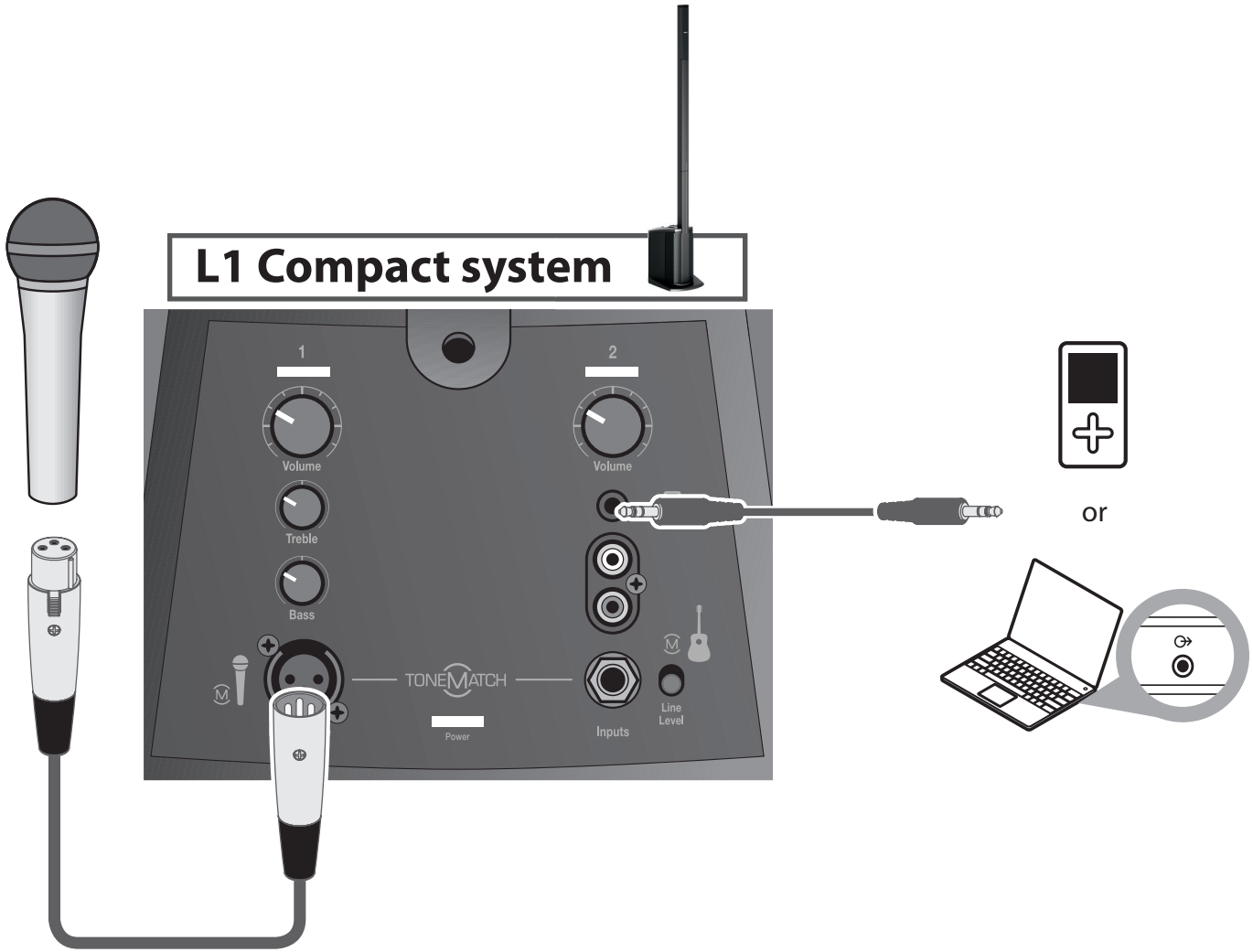


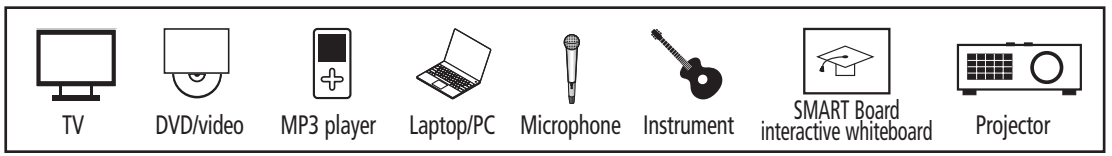


L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

Application example 3 — Voice Amplification with Music or Audio Playback

Applications
Special Event, anniversary, other
Business presentation (in a small ballroom or conference space)
Exercise/fitness classes (karate, dance, aerobics, etc.)
Activity room/small function room
Backyard parties/special family events
Karaoke parties at home
DJ amplification





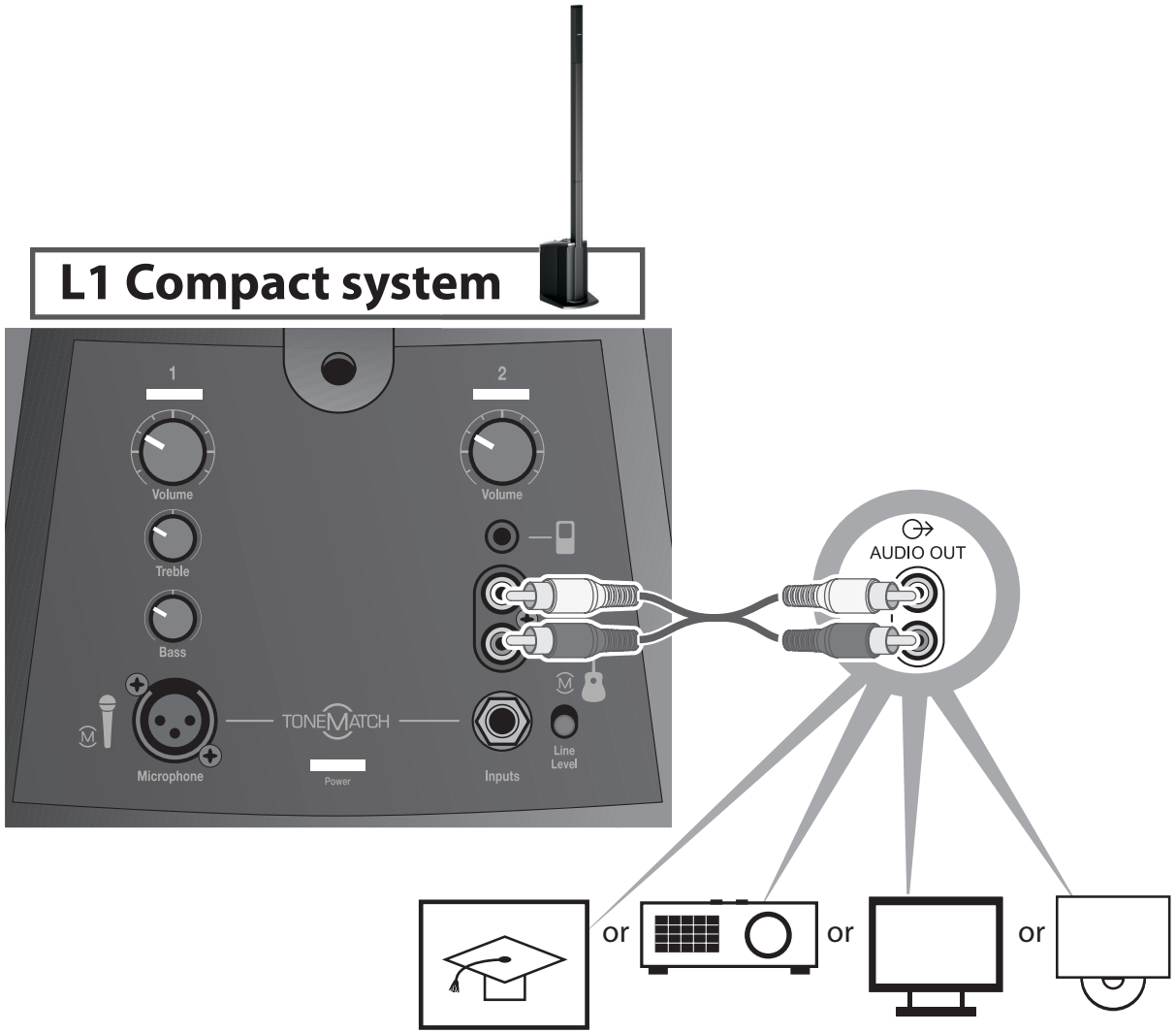
L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

Application example 4 — Audio Playback with Video

Applications

Audio augmentation for a SMART Board interactive whiteboard

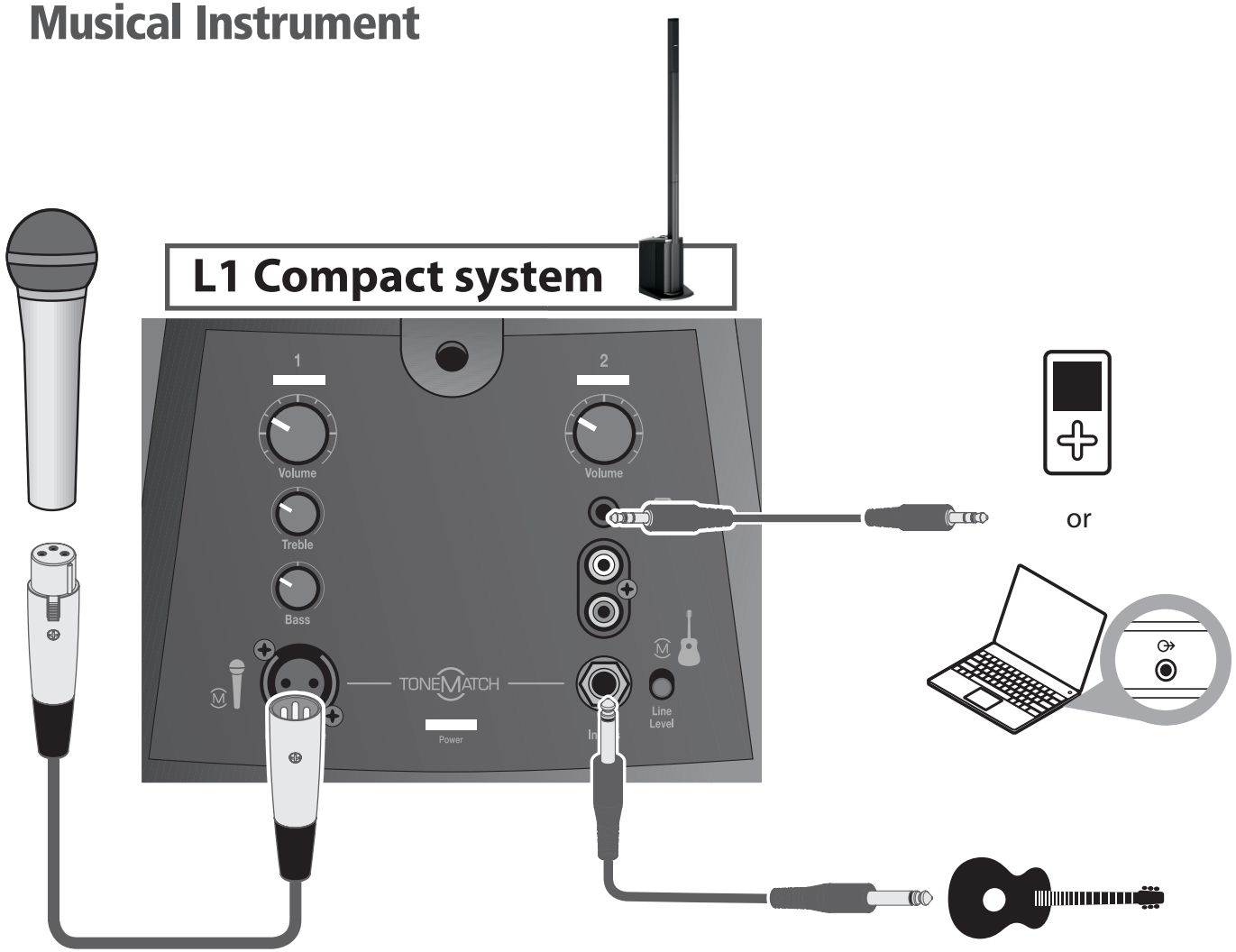
Family movie night outdoors

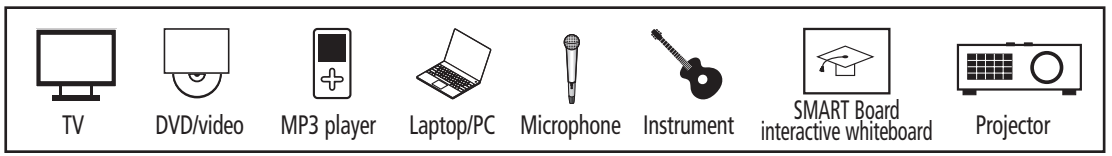


L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

Application example 5 — Voice Amplification with Music or Audio Playback and Musical Instrument

Applications
Secondary PA or backline for worship band
Bookstore cafe
Memorial services
Backyard parties/special family events





L1® SYSTEMS FOR AUDIENCE SIZE: up to 300

L1® Model 1S

portable line array system

A unique combination of performance and portability that includes our 12-speaker articulated line array providing smooth tonal balance, coverage, and high output.

The 12-speaker articulated line array provides 180 degrees of horizontal sound coverage while at the same time offering tight vertical control resulting in less drop off in volume over distance than conventional loudspeakers.

The Model 1S power stand can drive two B1s or a single B2 bass module.

These durable components easily connect without the need for speaker stands or wires and are readily transported in three protective carry bags/covers. The materials and construction are specifically designed to meet the performance demands of a wide range of applications including musical performances, music playback, speeches and AV sound reproduction.

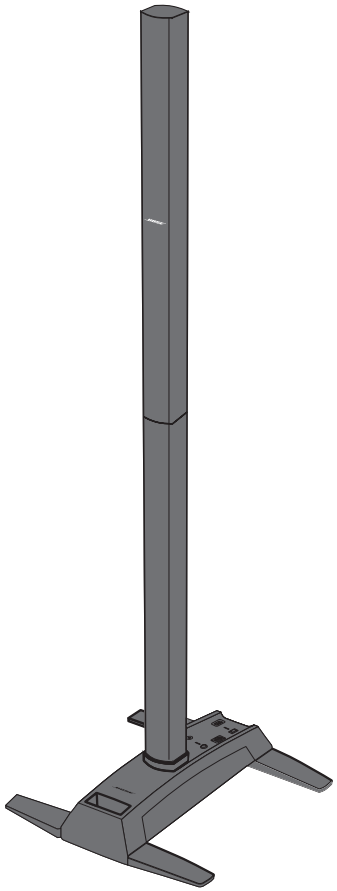
Bass Modules

Users have a choice between the B1 portable, lightweight bass module, or the B2 high-performance, flexible bass module.

T1 ToneMatch® Audio Engine

The addition of a T1 ToneMatch Audio Engine to any of the L1 systems provides four input channels with independent selection of ToneMatch presets and effects, including customized ToneMatch presets for a variety of popular microphones and instruments.

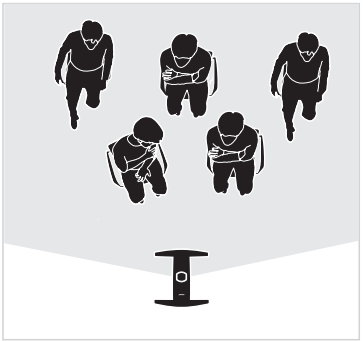
T1 ToneMatch® Audio Engine



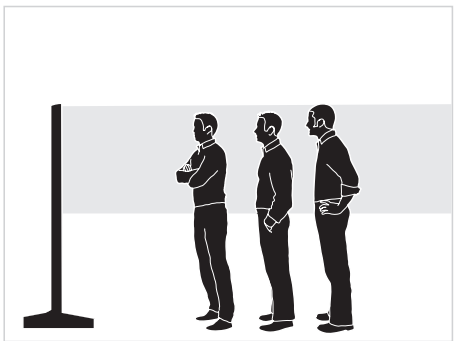
L1® Model 1S

Sound Coverage

L1® Model 1S



TOP

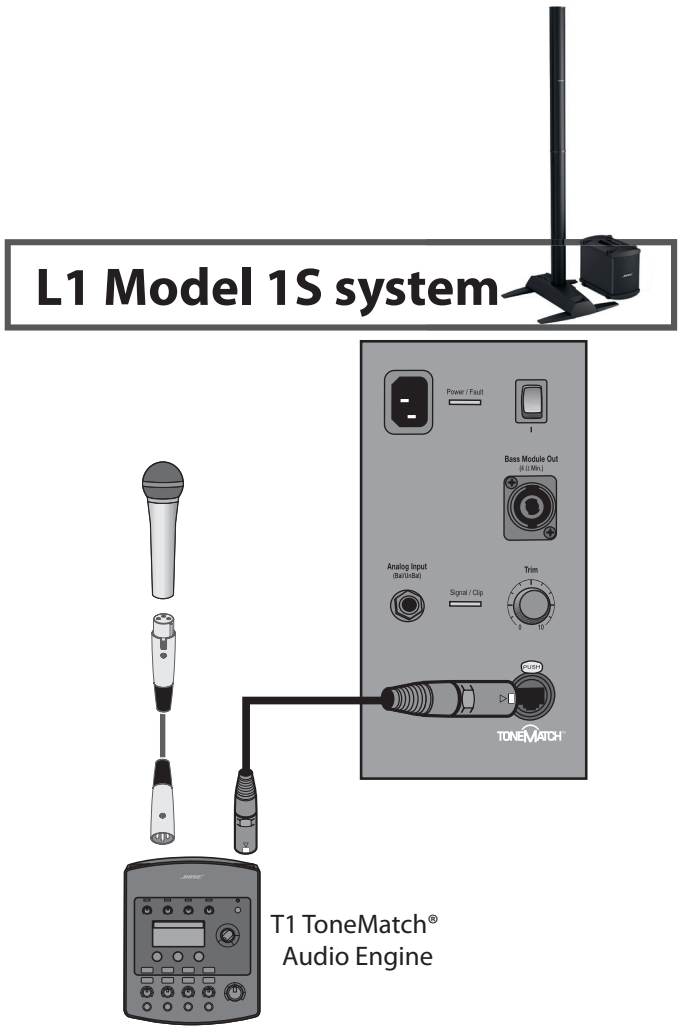


SIDE

L1® SYSTEMS FOR AUDIENCE SIZE: up to 300

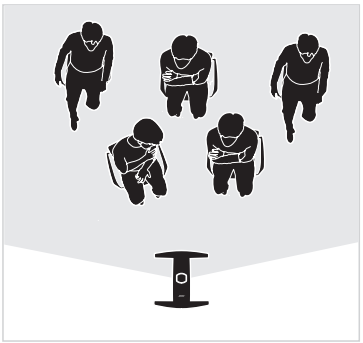
Application example 1 — Voice Amplification

Applications
Plays and indoor performances
Emergency preparedness drills
Raffles, bingo games, or other events
Training exercises
Outdoor municipal auctions
Crowd control

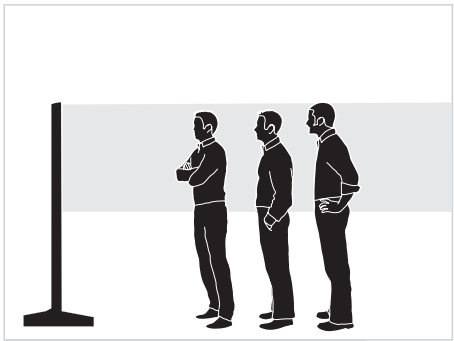


Sound Coverage

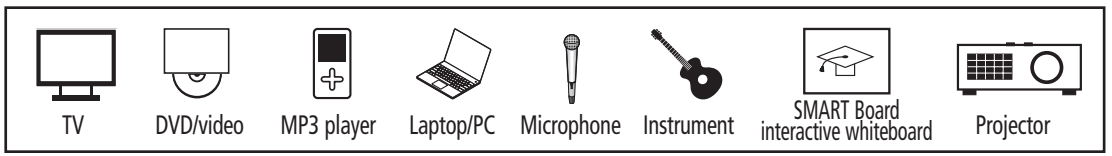
L1® Model 1S



TOP



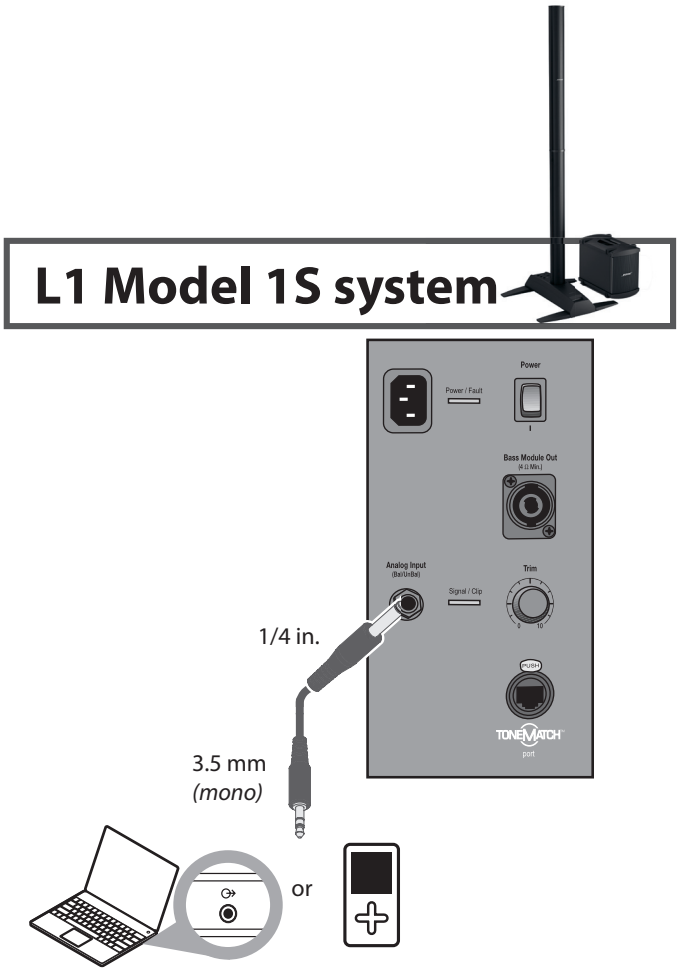
SIDE



L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

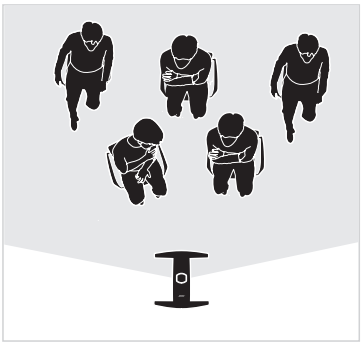
Application example 2 — Music or Audio Playback

Applications
Outdoor cocktail party
Soundstage/sound effect (SFX)

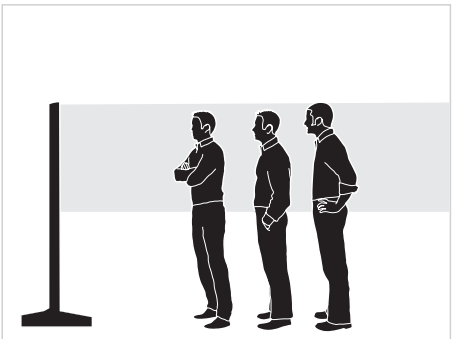


Sound Coverage

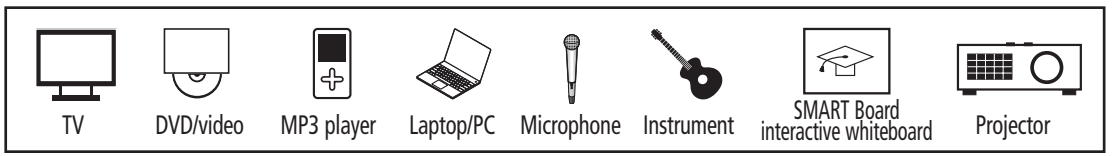
L1® Model 1S



TOP



SIDE

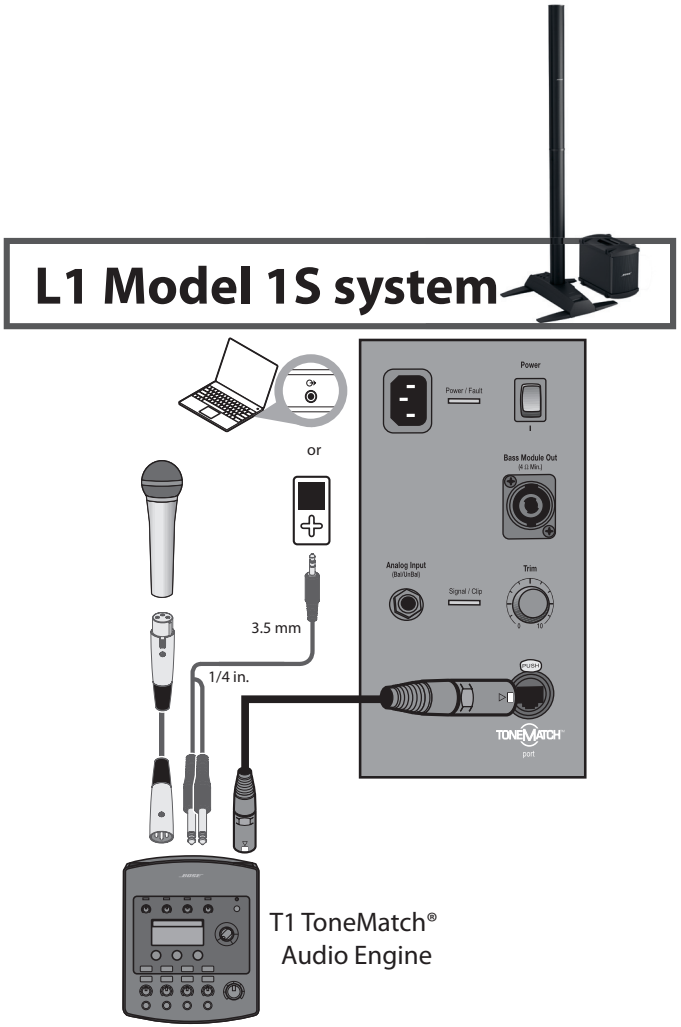


L1® SYSTEMS FOR AUDIENCE SIZE: up to 300

Application example 3 — Voice Amplification with Music or Audio Playback

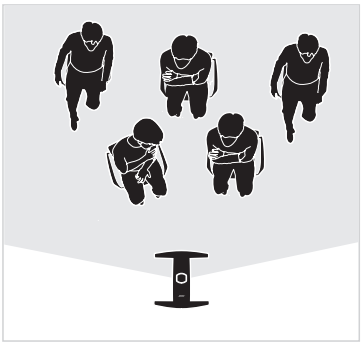
Applications

- Rallies, sporting events, speeches
- Announcements and music at practices
- Presentation or speech at a banquet or corporate meeting
- Conference room meeting
- Outdoor community events
- Community theater
- Fitness center gymnasium
- Radio remote broadcast at a large concert or event
- Outdoor amateur sports events
- Theatrical production

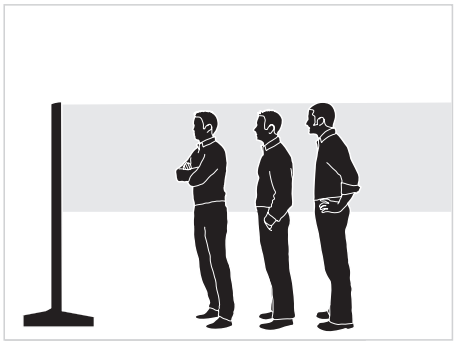


Sound Coverage

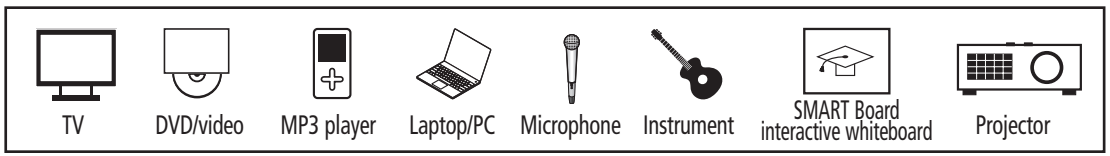
L1® Model 1S



TOP



SIDE

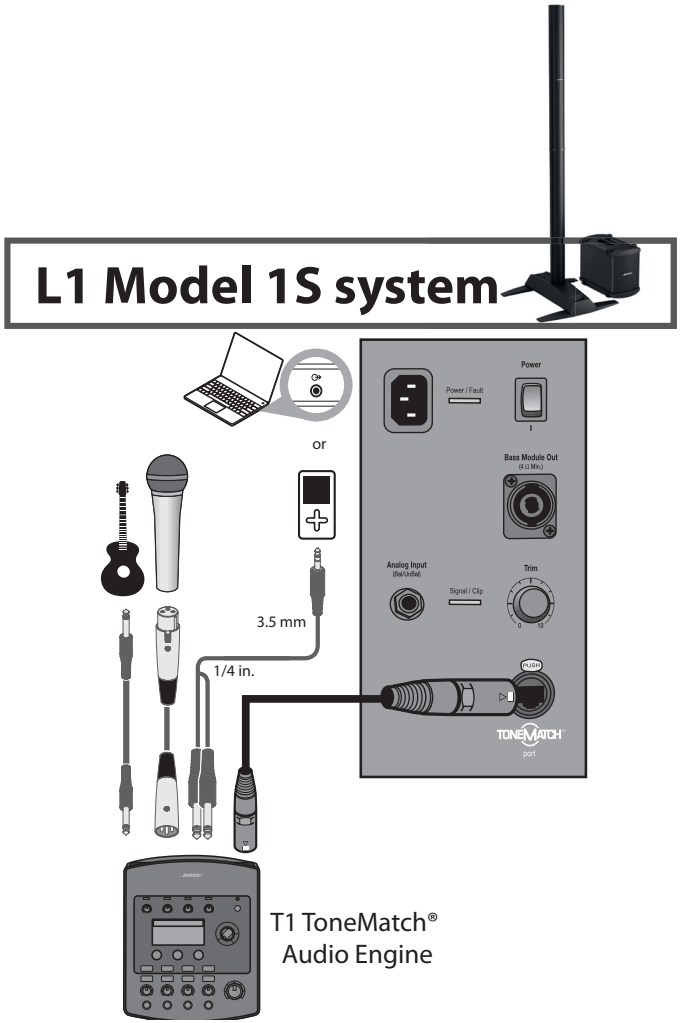


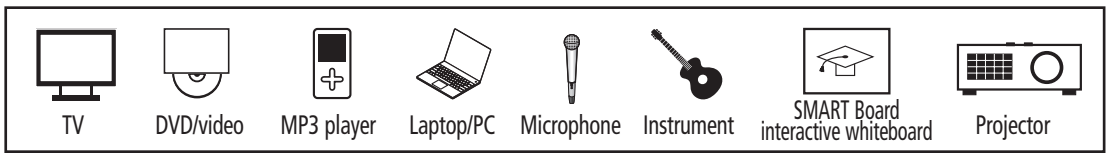
L1® SYSTEMS FOR AUDIENCE SIZE: up to 300

Application example 4 — Voice Amplification with Music or Audio Playback and Musical Instrument

Applications

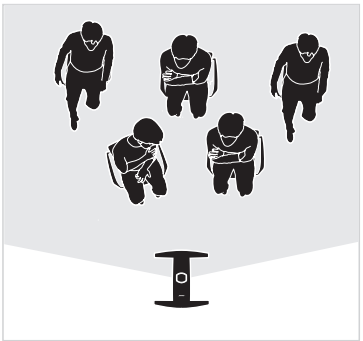
- Secondary PA for music worship, etc.
- Community theater
- Announcements and music at practices
- Plays and indoor performances



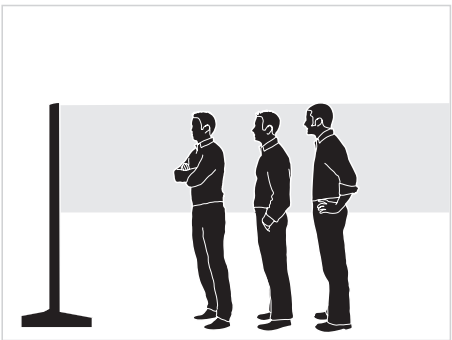


Sound Coverage

L1® Model 1S



TOP



SIDE

SMART Board is a trademark of SMART Technologies ULC.

L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

L1® Model II

portable line array system

Our most advanced system featuring our 24 speaker articulated line array providing our best tonal balance, coverage, and highest output.

The articulated 24-speaker line array provides 180 degrees of horizontal sound coverage while at the same time offering extremely tight vertical control resulting in less drop off in volume over distance than conventional loudspeakers.

The Model II power stand can drive two B1 bass modules or a single B2 bass module. It also features a dedicated bass line out allowing it to be used with the A1 PackLite® amplifier to add two additional B1 bass modules or an additional B2 bass module.

These durable components easily connect without the need for speaker stands or wires and are readily transported in four protective carry bags/covers. The materials and construction are specifically designed to meet the performance demands of a wide range of applications including musical performances, music playback, speeches and AV sound reproduction.

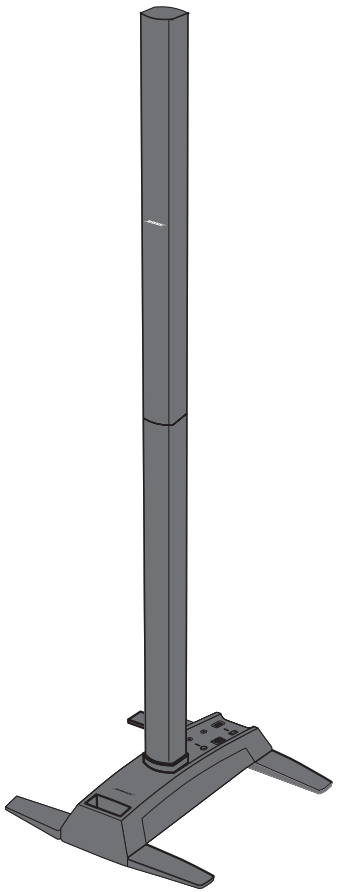
Bass Modules

Users have a choice between the B1, portable, lightweight bass module, or the B2, high-performance, flexible bass module.

T1 ToneMatch® Audio Engine

The addition of a T1 ToneMatch Audio Engine to any of the L1 systems provides four input channels with independent selection of ToneMatch presets and effects, including customized ToneMatch presets for a variety of popular microphones and instruments.

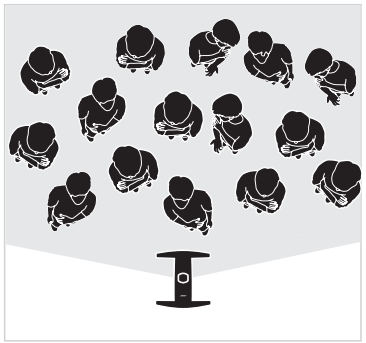
T1 ToneMatch® Audio Engine



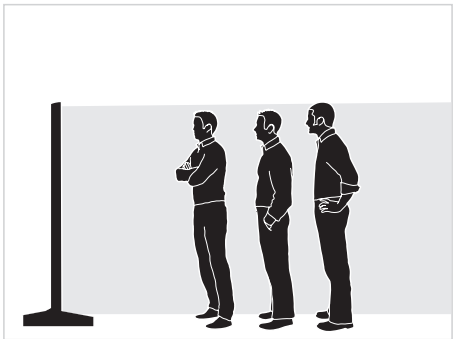
L1® Model II

Sound Coverage

L1® Model II



TOP

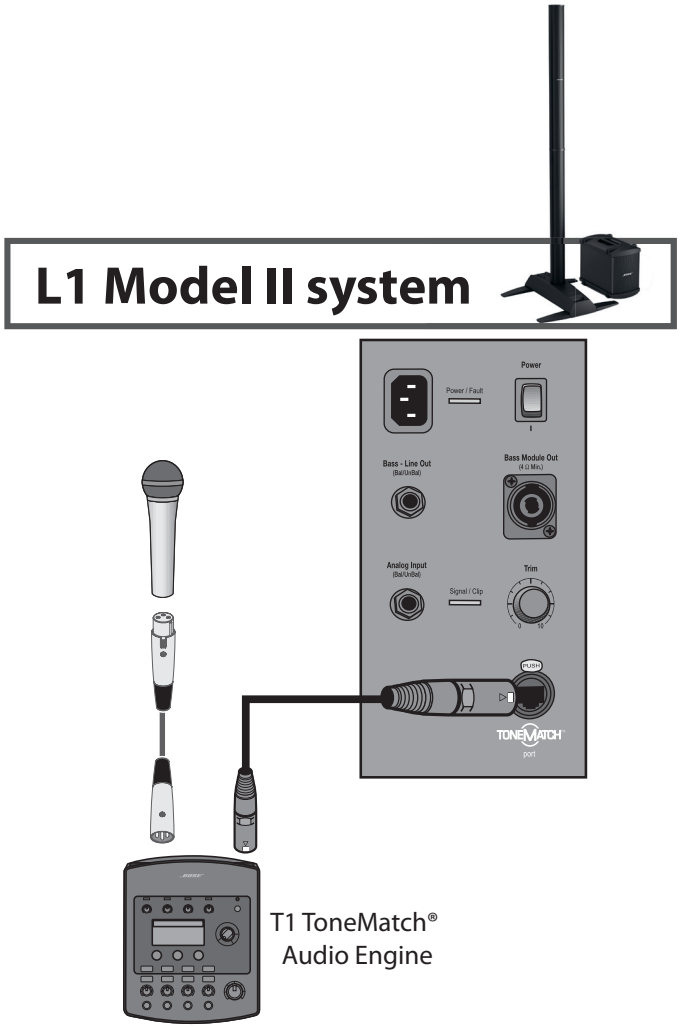


SIDE

L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

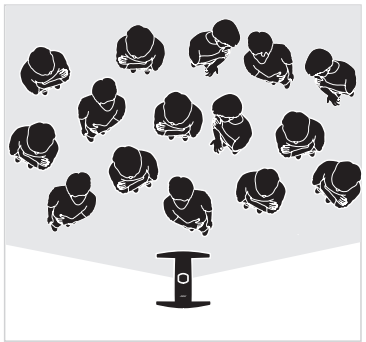
Application example 1 — Voice Amplification

Applications
Plays and indoor performances
Emergency preparedness drills
Raffles, bingo games, or other events
Training exercises
Outdoor municipal auctions
Crowd control

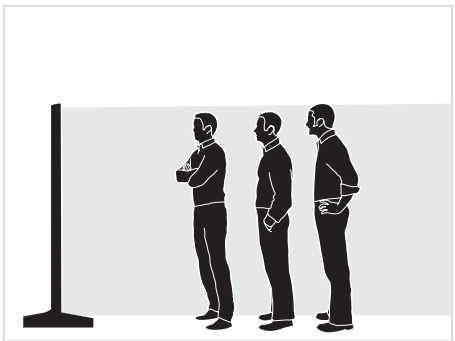


Sound Coverage

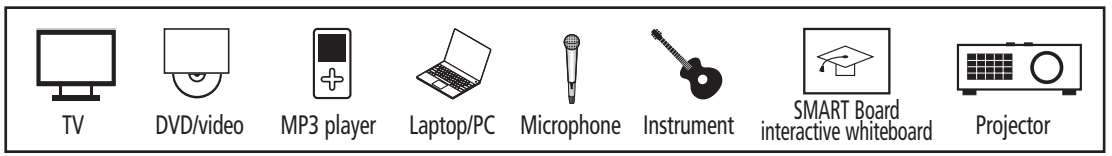
L1® Model II



TOP



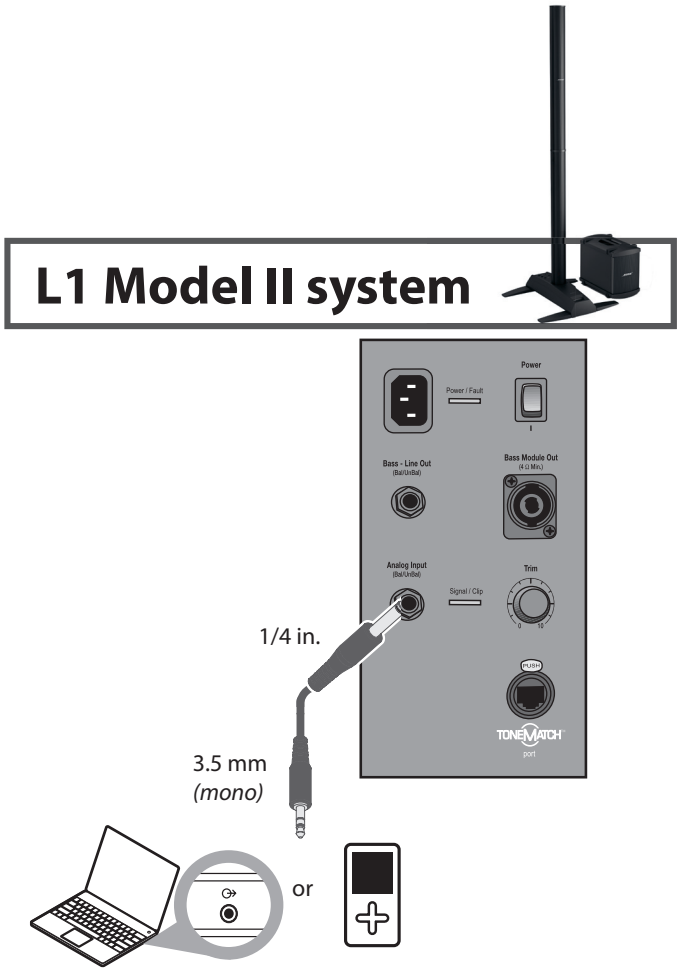
SIDE



L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

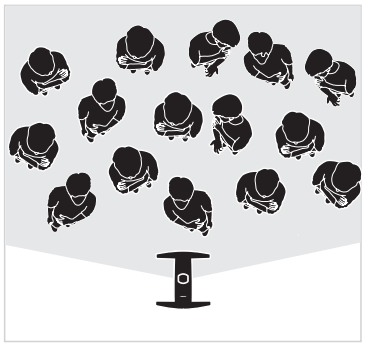
Application example 2 — Music or Audio Playback

Applications
Outdoor cocktail party
Soundstage/sound effect (SFX)

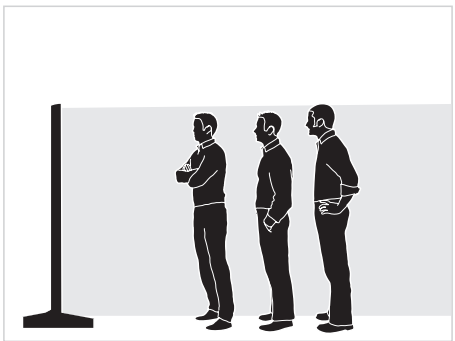


Sound Coverage

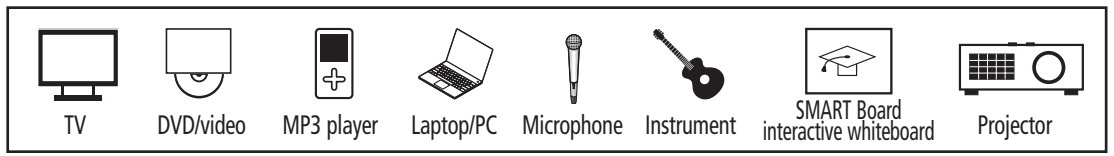
L1® Model II



TOP



SIDE

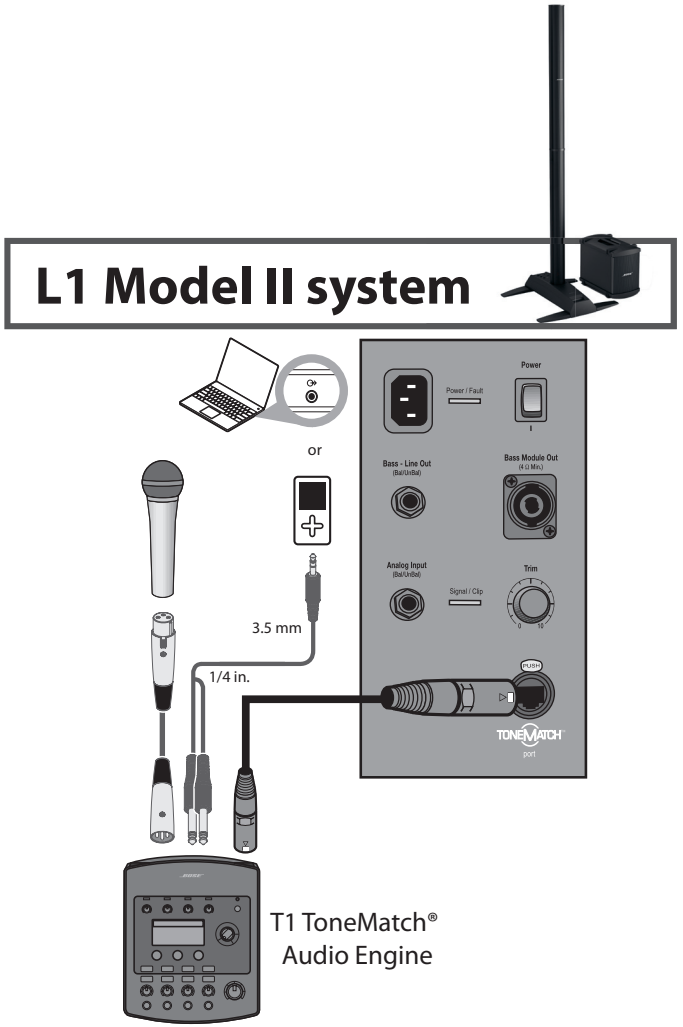


L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

Application example 3 — Voice Amplification with Music or Audio Playback

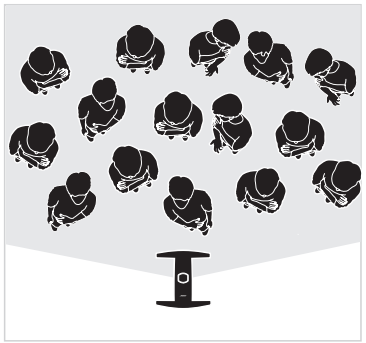
Applications

- Rallies, sporting events, speeches
- Announcements and music at practices
- Presentation or speech at a banquet or corporate meeting
- Conference room meeting
- Outdoor community events
- Community theater
- Fitness center gymnasium
- Radio remote broadcast at a large concert or event
- Outdoor amateur sports events
- Theatrical production

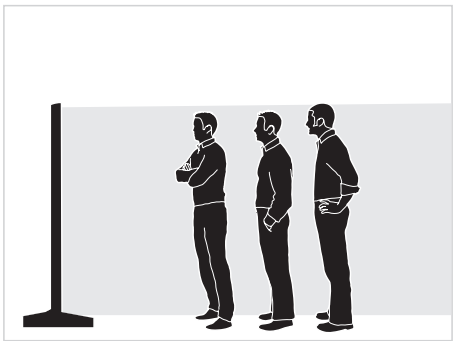


Sound Coverage

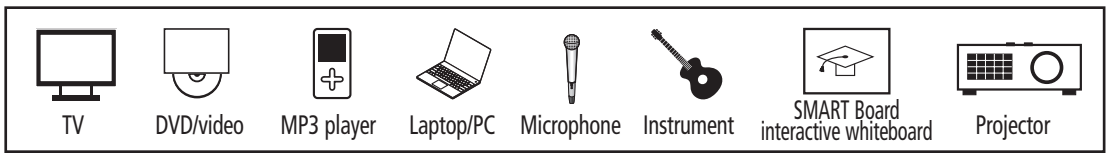
L1® Model II



TOP



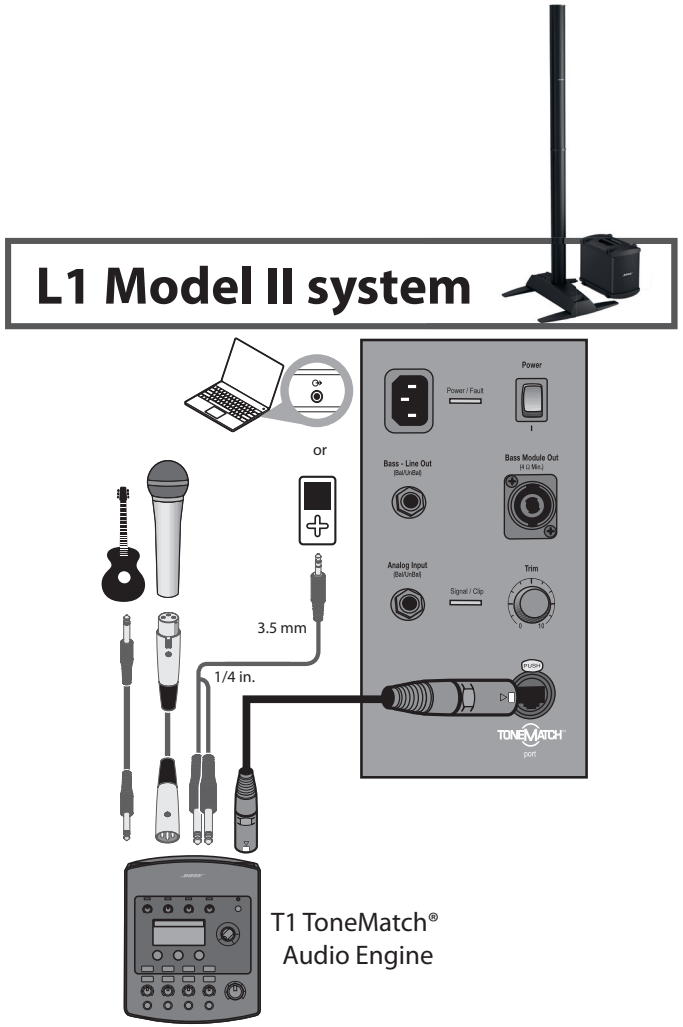
SIDE



L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

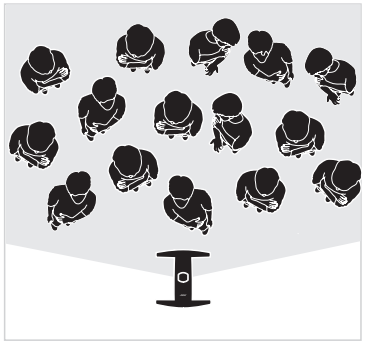
Application example 4 — Voice Amplification with Music or Audio Playback and Musical Instrument

Applications
Secondary PA for music worship, etc.
Community theater
Announcements and music at practices
Plays and indoor performances

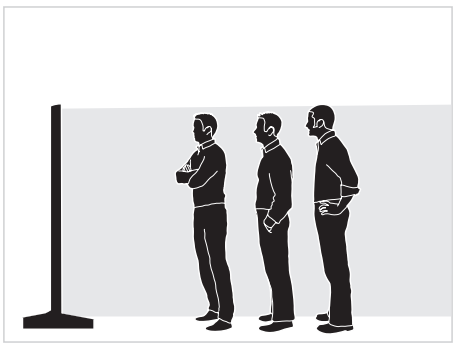


Sound Coverage

L1® Model II



TOP

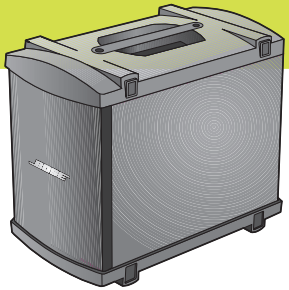


SIDE

SMART Board is a trademark of SMART Technologies ULC.

L1® Bass Module Options

B1 bass module

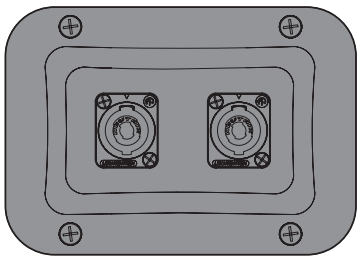


Positioning

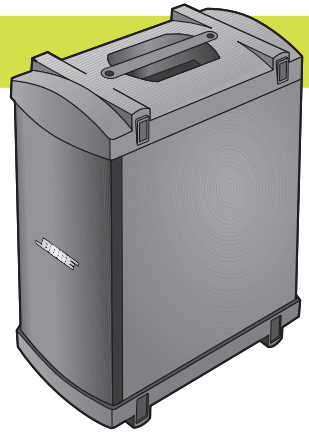
Portable lightweight bass module designed to provide deep balanced bass for Model 1S and Model II systems. It features 2 x 5.25" high excursion drivers built into a rugged enclosure. Interlocking end caps allow up to four B1 modules to be stacked together.

Includes slip cover and NL4 cable.

Input panel



B2 bass module

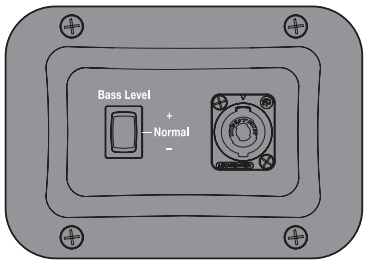


Positioning

Our high performance flexible bass module designed to provide deep impactful bass for Model 1S and Model II systems used in higher SPL live music and DJ applications. It features 2 x 10" high excursion woofers mounted in a rugged plywood enclosure, and a three position sensing switch, allowing bass output to be adjusted for different applications. Interlocking end caps allow up to two B2 modules to be stacked together.

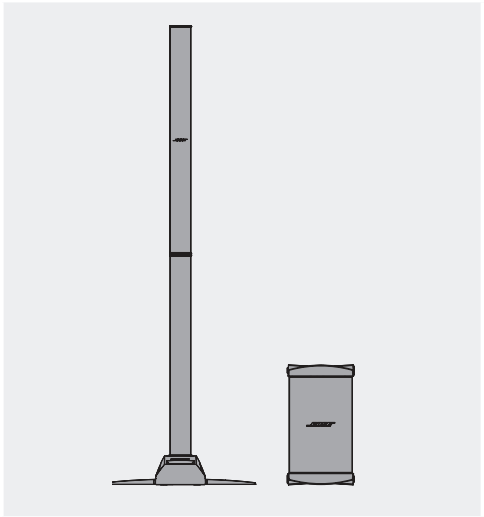
Includes slip cover and NL4 cable.

Input panel

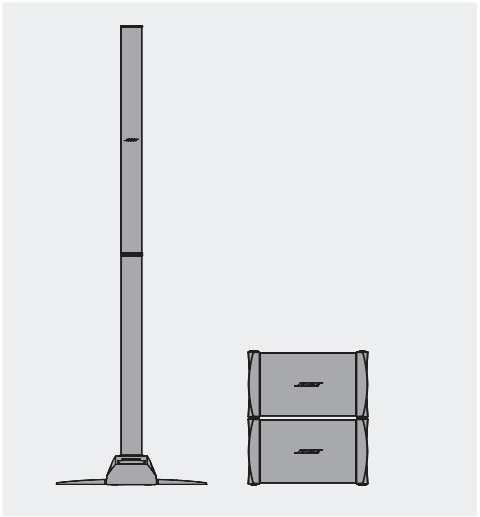


L1® System Configurations

L1® Model 1S with B1 bass module(s)

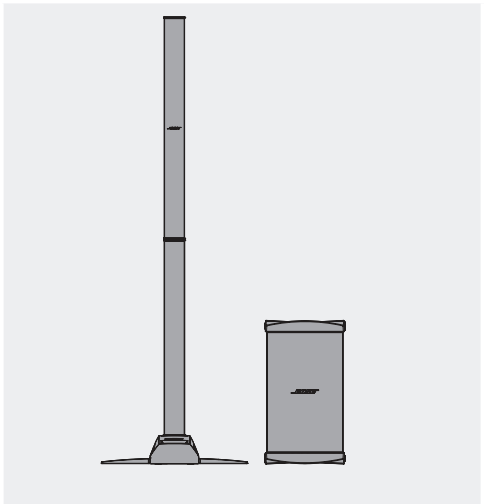


One B1 bass module



Two B1 bass modules

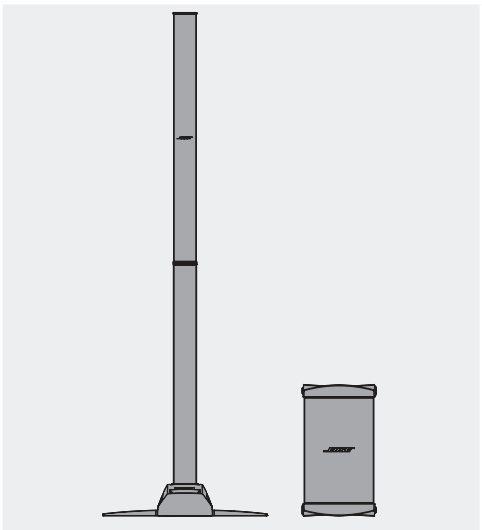
L1® Model 1S with B2 bass module



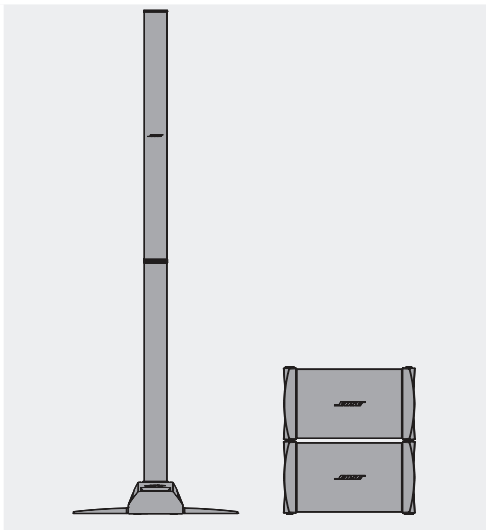
One B2 bass module

L1® System Configurations

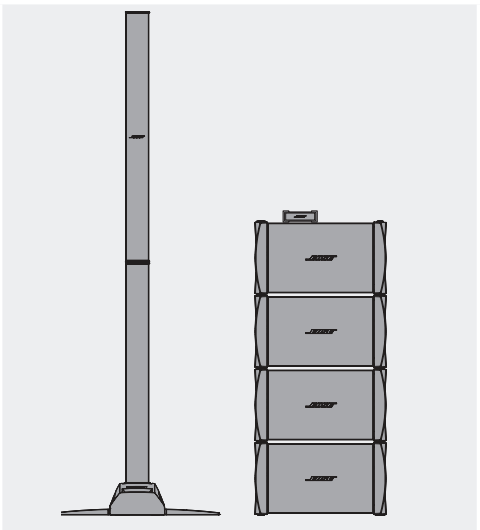
L1® Model II with B1 bass module(s)



One B1 bass module

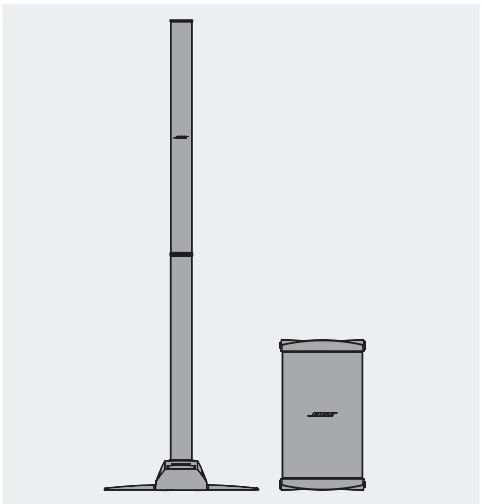


Two B1 bass modules

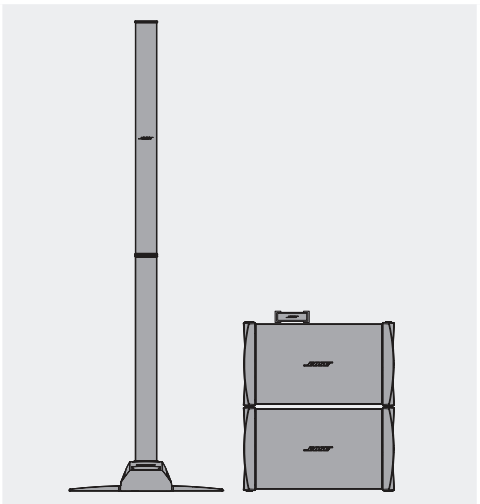


Four B1 bass modules (with PackLite®)

L1® Model II with B2 bass module(s)



One B2 bass module



Two B2 bass modules (with PackLite)

357297-0010

pro.Bose.com

Better sound through research®

©2012 Bose Corporation
The Mountain,Framingham, MA 01701-9168
AM357297 Rev. 00